YIHUA

全功能电源供电器
REGULATED DC POWER SUPPLY

使用说明书 INSTRUCTION MANUAL

1502USB/1502DD/1502DD+/1502D+

中文/English

CE

感谢您购买此款热风拆焊台，本产品是专门为无铅拆焊而设计的，使用前请仔细阅读本说明书，阅读后请妥善保管，以供日后参考。

Thank you for choosing this type of DC power supply. Please read the User Guide thoroughly before use, and keep it in a safe place for future reference.

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions are required to always be followed, including the following: Read all instructions before using
DANGER - To reduce the risk of electric shock:

1. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
2. Children shall not play with the appliance.
3. Cleaning and user maintenance shall not be made by children without supervision.
4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. Do not leave the appliance unattended when it is switched on.
6. High voltage in machine, amateurs do not dismantle machine.
7. If the supply cord is damaged, it must be replaced by a special cord or assemble available from the manufacturer or its service agent.

I. Summary

The power supply is designed for mobile phones, BP machine maintenance. And with high-precision DC power supply protection. Protection of speed, the load over - current and short circuit protection that is close the output (to be excluded from over-current orshort circuit fault, the power switch to starting work again. It has five different voltage output options(1502D+ and 1502USB excluded), special features to facilitate maintenance to different mobile phones and a BP machine. Has a universal power supply output terminal, as well as for laboratories /schools/ and other aspects of the production line use.

II. Parameter specification

Model	1502USB	1502DD	1502DD+	1502D+
Output Power	DC 0V~15V/0V~5V	DC 0V~15V	DC 0V~15V	DC 0V~15V/0V~5V
Supply Voltage	220V/110V ±10% 50/60Hz			
Operating Temperature	-10℃~40℃	Relative Humidity		< 90%
Storage Temperature	-20℃~40℃	Storage humidity		< 80%
Power stability	≤0.01% ±2mV			

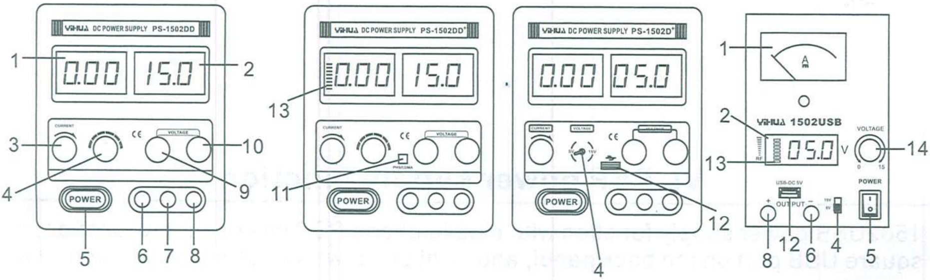
Load Rated degrees	≤0.01% ±2mV (1mav<1A)			
Ripple noise	≤ 0.5mvrms (5Hz-1MHz) lomax greater than 1A			
Temperature Coefficient	≤300PPM/°C			
Output Current	0~2A	0~2A	0~2A	0~2A
Overload current	2A	0.6~2A	0.6~2A	0.6~2A

III. Performance Comparison Table

Function \ Modle	1502USB	1502DD	1502DD+	1502D+
Voltage display precision	0.1V	0.1V	0.1V	0.1V
Current display precision	10mA	10mA	10mA	10mA
Outpunt voltage choice	DC 0V~15V/0V~5V	DC 0V~15V	DC 0V~15V	DC 0V~15V/0V~5V
Mobile singal shows	Yes	No	Yes	No
PSP power supply function	Yes	No	No	No

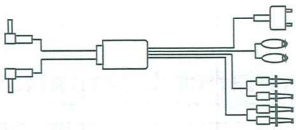
IV. Instruction manual

Front panel introduce



1.Current indicator
2.Voltage indicator
3.Output current adjust
4.Voltage gears adjust
5.Power switch
6.Output negative
7.Grounding terminal
8.Output positive
9.Voltage fine tuning knob
10.Voltage coarse tuning knob
11.PHS/CDMA switch knob
12.USB interface
13.Mobile phone RF signal indicator
14.Voltage adjust knob

Dedicated output connections



Use in

For maintenance of NOKIA/ MOTOROLA/ LG/ Lenovo / Sony Ericsson/ Other brand mobile phones, and BP machine. According to mobile voltage setting the voltage and setting the overload protect current. Don't adjust to high to prevent too much current and burn the phone.

V. Warning

1. Must set the output voltage and current properly before connect the mobile phone, do not adjust the voltage, current and convert the output pressure, so as not to burn the mobile phone.
2. Power supply are not allow at full load state for long time. Control your utilization rate of less than 60%, ro they may cause human early failure. When place order, you should be based on the actual operating current includes an allowance.

VI. PSP power supply function

1502USB power supply function with mobile phone PSP power supply function, a square USB port on the back panel, and front panel with a flat-shaped USB port of

the power supply, please separately use USB data cable to connect the rear panel square USB port, the host machine (computer), front panel flat-shaped USB port and the mobile phone, to complete PSP function. This time power supply is provided to the mobile phone PSP power supply and data transfer functions.

VII. Maintenance

1. Fuse replace:
   If the fuse was burn out and LED not shows, that DC power supply will stop working. Must be found out the fuse burn out reason, and then replace the fuse.
2. Don't working on temperature over 40°C environment. Radiator in the rear equipment, use back of the chassis should sufficient space to facilitate cooling.
3. The DC power supply precisely adjusted at the factory. To avoid effect the machine precision, please don't adjust the machine circuit parameter.